Use Attainability Analysis

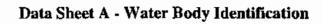
for

WBID 0863 Little Shaver Creek

Submitted by Tetra Tech, Inc

To Missouri Department of Natural Resources Water Protection Program

Field Data Sheets for Recreational Use Stream Surveys 255 明是 14 円 2: 143



Data Sheet A - Water Body Identification	TAIL BEEN COMER SUBCEAU
Water Body Name: (from USGS 7.5' quad) L. Shaver Cr.	
8-digit HUC: 10300103	
Missouri WBID #: 0863	
County: Petis	
Upstream Legal Description:	
Downstream Legal Description:	
Upstream Coordinates: (UGS 84, ddd.dddd)	
Downstream Coordinates: (UGS 84, ddd.ddddd) 38.75427 N 093.0990W	
Discharger Facility Name(s): Monsees Lake Est	
Discharger Permit Number(s):	
Number of Sites Evaluated: 6, 451, 452, 453, 454, 455, 456	
Name of Surveyor and Telephone Number: Adam Rettig	
Organization: Tetra tech	
Position: Field Scientist, Team Leader	
, the undersigned, hereby affirm to the best of my knowledge, that all info atasheet is true and accurate.	rmation reported on this UAA
igned: Date: 6	129/05

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	863 (451)		Site Location	on Desc	cription:		
Site GPS Coordinates: 38	70674N O	93 10148	MIONDS	5005	Rd@low woter	crossing	
Date & Time: 06/29/				me: //	Monsees Lake 1		
Personnel: AR EY	Permit Number:						
Current Weather Condition	Current Weather Conditions: Hot Cleav				Weather Conditions for Past 7 days:		
TM 71				Other:			
Jses Observed*:	•				•		
□ Swimming	☐ Skin diving	□s	CUBA diving		☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	□В	loating		☐ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	□F	ishing		None of the above	Other:	
Describe: (include numbe	r of individuals rec	reating, free	quency of use, p	photo-do	ocumentation of evidence	of recreational uses, etc.)	
					•	••	
					••		
·						·	
Surreunding Condition	S*: (Mark all that t	promote or i	impede recreatio	onal use	s. Attach photos of evider	ice or unusual	
ems of interest.)	as a (terminal distribution)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			protes er evices		
☐ City/county parks	☐ Playgrounds	☐ MDC	conservation lar	nds	☐ Urban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks	☐ Nation	al forests		☐ Nature trails	☐ Stairs/walkway	
☐ No trespass sign	☐ Fence	☐ Steep s	slopes		Other:		
Evidence of Human Us	e*:						
N Roads	☐ Foot paths/pri	nts 🗆	Dock/platform	1	☐ Livestock Watering	☐ RV / ATV Tracks	
☐ Rope swings	☐ Camping Site	s 🗆	Fire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle	
☐ Other:		•					
						•	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

AVR. 6/29/05

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 830(451)

□ Riffle Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
□ Run Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
N Pool Width	(ft): 3 _M	Length (ft): 7	Avg. Depth	(ft): 0.3 _M	Max. Depth (ft): 0.45 _M
S.Flow Presen		`⊠ No	Estimated (fi	t³/sec):	
Downstream Vi	ew Physical	Dimensions:			
☐ Riffle Width		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
□ Run Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
□ Pool Width	(ft): 19m	Length (ft):	m Avg. Depth	(ft): 0.5m	Max. Depth (ft): 0.8m
T Flow Preser		\(\sqrt{No}\)	Estimated (f		0.017
. h _ 4 _ 4 _ 4 _ 4 _ 4 _ 4 _ 4 _ 4 _ 4 _				•	
bstrate*: (These % Cobbl		Gravel (()	% Sand	% Silt	% Mud/Clay [() % Bedroc
Sangrass			algal growth at the asse	essment site)	
	stics*: (Mark	all that apply.)			□ Other:
Sangrass ater Characteri			□ Chemical	None	Other:
Saugrass /ater Characteri Odor:	stics*: (Mark	all that apply.)			Other:
ater Characteri Odor: Color:	stics*: (Mark	all that apply.) Musky Green	□ Chemical	NoneMilky	Dother: Brown
Ater Characteri Odor: Color: Bottom Deposit: Surface Deposit: omments: Please this information is not on the recreate	Stics*: (Mark	all that apply.) Musky Green Solids Scum Onal comments (ely for removal of a renditions. Consect but may point to consirm to the best of	☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam ☐ including informate recreational use designmently, this information inditions that need furth	None Milky None None None nation from interestation but rather is not intended are analysis or the	Other: Brown Other: Other: rviews) to this form. is to provide a more d to directly influence a
ater Characteri Odor: Color: Bottom Deposit: Surface Deposit: omments: Please this information is nonprehensive unders cision on the recreate	Stics*: (Mark	all that apply.) Musky Green Solids Scum Onal comments (ely for removal of a renditions. Consect but may point to consirm to the best of	☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam ☐ including informate recreational use designmently, this information inditions that need furth	None Milky None None None nation from interestation but rather is not intended are analysis or the	Other: Brown Other: Other: rviews) to this form. is to provide a more d to directly influence a nat effect another use.

0863_451_us_L.ShaverCreek







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 0863 (452)			Site Location	Description:			
Site GPS Coordinates: 28.71481N 093 09201W			J Boon vill	c Rd @ low water	crossing		
Date & Time: 6/29/2005 1020				Facility Name: Monsees Lake Est			
Personnel: AR EY				Permit Number:			
Current Weather Conditions: +lot Cleav			Weather Con-	Weather Conditions for Past 7 days:			
				ther:			
es Observed*:							
☐ Swimming	☐ Skin diving	□ s	CUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	O E	3oating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	□ F	ishing	None of the above	Other:		
Describe: (include numb	er of individuals rec	reating, free	quency of use, pho	to-documentation of evider	nce of recreational uses, etc		
rrounding Condition	ns*: (Mark all that p	prompte or	impede recreations	ıl uses. Attach photos of ev	idence or unusual		
ns of interest.)		1.		al uses. Attach photos of ev	··· ···-		
ns of interest.) City/county parks	☐ Playgrounds	□ мос	conservation lands	: ☐ Urban areas	☐ Campgrounds		
□ City/county parks □ Boating accesses	☐ Playgrounds ☐ State parks	☐ MDC	conservation lands	Urban areas ☐ Nature trails	··· ···-		
ns of interest.) City/county parks	☐ Playgrounds	□ мос	conservation lands	: ☐ Urban areas	☐ Campgrounds		
□ City/county parks □ Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC	conservation lands	Urban areas ☐ Nature trails	☐ Campgrounds		
□ City/county parks □ Boating accesses □ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC ☐ Nation ☐ Steep:	conservation lands	Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway		
□ City/county parks □ Boating accesses □ No trespass sign idence of Human Us	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC ☐ Nation ☐ Steep:	conservation lands nal forests slopes	☐ Urban areas ☐ Nature trails ☐ Other:	☐ Campgrounds ☐ Stairs/walkway		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

AIR

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 0863 : (452) Stream Morphology: Upstream View Physical Dimensions: ☐ Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): □ Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): ☐ Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Estimated (ft³/sec): D Flow Present? ☐ Yes ⊠ No Downstream View Physical Dimensions: Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): ☐ Riffle Width (ft): □ Run Length (ft): Avg. Depth (ft): Max. Depth (ft): Length (ft): 5 m Dool 🖾 Width (ft): Avg. Depth (ft): Max. Depth (ft): Estimated (ft³/sec): □ Flow Present? ⊠.No ☐ Yes Substrate*: (These values should add up to 100%.) % Cobble % Gravel % Sand % Silt % Mud/Clay % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) Algae Water Characteristics*: (Mark all that apply.) Odor: None 🖸 ☐ Sewage ☐ Musky □ Chemical C Other: Color: DOther: Brown □ Clear ☐ Green □ Gray ☐ Milky Bottom Deposit: None None ☐ Sludge □ Solids ☐ Fine sediments ☐ Other: Surface Deposit: Ci Oil ☐ Scum D Foam □ None ☐ Other: Comments: Please attach additional comments (including information from interviews) to this form. *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate. Signed: Position: SCI I.

QC OK EZY 6/29/2005

Organization:

0863_452_us_L.ShaverCreek





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 08/03 (463)			1 _	Site Location Description: Boonville Rd @ bridge				
Site GPS Coordinates: 38,71434 N 093,09 1954			a 1956 Boonuil	le Rd@bri	dge			
Date & Time: 6/29/	Facility Na	ne: Monsees	Lake	Est				
Personnel: AR EY	Permit Nun	Permit Number:						
Current Weather Conditions: Hot Clear			Weather Co	Weather Conditions for Past 7 days:				
Photo Ids: Upstream: 34	Photo Ids: Upstream: 35AA Downstream: 34			Other: 36AA				
es Observed*:	-							
☐ Swimming	☐ Skin diving	g	☐ SCUBA diving	☐ Tubing		☐ Water skiing		
☐ Wind surfing	☐ Kayaking		☐ Boating	☐ Wading		☐ Rafting		
☐ Hunting	☐ Trapping		☐ Fishing	☑ None of t	the above	☐ Other:		
Describe: (include numb	er of individuals	recreating	g, frequency of use, p	hoto-documentation	of evidence	of recreational uses, etc.)		
			•					
			·	•••				
errounding Condition	18*: (Mark all ti	hat promot	te or impede recreation	nal uses. Attach pho	tos of evide	nce or unusual		
urrounding Condition ms of interest.) □ City/county parks	18*: (Mark all ti	1.	te or impede recreation			nce or unusual □ Campgrounds		
ms of interest.)	-	nds 🗆 M			eas	,		
ms of interest.) City/county parks	☐ Playgroun	nds 🗆 M	IDC conservation lan	ds Urban are	eas	☐ Campgrounds		
ms of interest.) □ City/county parks □ Boating accesses	☐ Playgroun ☐ State park	nds 🗆 M	ADC conservation landational forests	ds Urban are	eas	☐ Campgrounds		
ms of interest.) □ City/county parks □ Boating accesses □ No trespass sign	☐ Playgroun ☐ State park	nds □ M rs □ N ⊠ S	ADC conservation landational forests	ds Urban are	eas ails	☐ Campgrounds		
ms of interest.) City/county parks Boating accesses No trespass sign	☐ Playgroun ☐ State park ☐ Fence	nds	ADC conservation landational forests teep slopes	ds Urban are Nature tra	eas ails	☐ Campgrounds ☐ Stairs/walkway		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

AVR 4-29-05

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 6863 : (463)

Stream Morpho Upstream Vie	logy; ew Physical Dim	ensions:				
	dth (ft);	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
□ Run Wi	dth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	-
Pool Wi	dth (ft): 15m	Length (ft): 20	Avg. Depth	(ft): 0.4m	Max. Depth (ft):	.55m
☐ Flow Pre	sent?	No No	Estimated (f			
Downstream	View Physical E	imensions:				·
	dth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
□ Run Wi	dth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Pool Wi	dth (fi): 16 m	Length (ft): 15 m	Avg. Depth	(ft): 7.4 m	Max. Depth (ft):	27.
☐ Flow Pre	esent?	□ No	Estimated (f			, ,174
Substrate*: (Th	ese values should ad	d up to 100%.)				
% Co	bble 90 %	Gravel % Sar	nd S	% Silt 5	% Mud/Clay	% Bedrock
NO		t of vegetation or algal gro	wth at the asse	essment site)		
Water Characte	eristics*: (Mark al					
	□ Sewage		nemical	None	Other:	
Color:	☐ Clear	☐ Green ☐ Gr	-	Milky Milky	QOther: Brow	η
Bottom Deposi			ne sediments	☐ None	□ Other:	.
Surface Deposi	t: Oil	□ Scum □ Fo	am	□ None	☐ Other:	
*This information is comprehensive und	s not to be used sole erstanding of water	onal comments (includi by for removal of a recreation conditions. Consequently, to but may point to conditions	onal use design	nation but rather is t m is not intended to	o provide a more directly influence a	
datasheet is tru	ned, hereby affir e and accurate.	rm to the best of my k		hat all informa	tion reported on t	his UAA
Signed: \mathcal{O}	rom Lary		Date:	UG (AI(U)	· · · · ·	_
Organization:	4		Position	n: <u>SCI . 1</u>	<u>[</u>	-
		00:41	29/200	5 274		

0863_453_us_L.ShaverCreek







0863_453_L.ShaverCreek_BarbwireFence



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

		L9-1015						
Missouri WBID #:	863 (453	454)	Site Location De	escription:				
Site GPS Coordinates: 39	3.72401N 093	3 091400	J Limestone	Valley Rd@ 1	Low water cross			
Date & Time: 6 29	2005 110	· 니	Facility Name:	Monsees lake	e Est			
Personnel: AR F	Υ		Permit Number:					
Current Weather Condition	$\frac{1}{1}$	aV	Weather Conditi	Weather Conditions for Past 7 days:				
Photo Ids: Upstream: 2	SAA Dow	nstream: 3	7AA Other	HATY 39AA				
s Observed*:								
☐ Swimming	☐ Skin diving	□ so	CUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	□Во	oating	☐ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fis	shing	None of the above	☐ Other:			
Describe: (include numb		reating, frequ		documentation of evidence				
rounding Condition	er of individuals reco		uency of use, photo-	documentation of evidence	of recreational uses, etc			
rounding Conditions of interest.)	er of individuals reco	promote or in	npede recreational u	uses. Attach photos of evide	e of recreational uses, etc			
rounding Condition	er of individuals reconstruction. Mark all that pure Playgrounds	promote or in	mpede recreational u		ence or unusual Campgrounds			
rrounding Condition us of interest.) City/county parks	er of individuals reco	oromote or in	mpede recreational u	uses. Attach photos of evide	e of recreational uses, etc			
rounding Conditions of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign	Playgrounds State parks	oromote or in MDC c	mpede recreational u	uses. Attach photos of evide Urban areas Nature trails	ence or unusual Campgrounds			
rounding Conditions of interest.) City/county parks Boating accesses No trespass sign	Playgrounds State parks	oromote or in ☐ MDC c ☐ Nationa ☐ Steep sl	mpede recreational u	uses. Attach photos of evide Urban areas Nature trails	ence or unusual Campgrounds			
rounding Conditions of interest.) City/county parks Boating accesses No trespass sign	Playgrounds State parks Fence	oromote or in MDC c Nationa Steep sl	npede recreational unservation lands	uses. Attach photos of evide Urban areas Nature trails Other:	ence or unusual Campgrounds Stairs/walkway			

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Avr. 6-29-05

Page Two – Data S	heet B for W	/BID# <u>0863</u>	EY 453 (154 6-29-2005	1)		
Stream Morpholog Upstream View	•	nensions:	G 24-2005			
☐ Riffle Width		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
□ Run Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	,a-200s
□ Pool Width	(ft): [[]	Length (ft): 3	Avg. Depth	(ft): (5.30)	. E ∨ 6 °	45m
☐ Flow Present		□ No	Estimated (f	<u>-</u>		<u> </u>
Downstream Vic	w Physical	Dimensions:				
□ Riffle Width		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
□ Run Width	 (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Pool Width	(ft): 8,2m	Length (ft): 3	Om Avg. Depth	(ft): 0,3m	Max. Depth (ft): 0.55	· ·
N Flow Presen		∑No	Estimated (f			
Substrate*: (These 30 % Cobble Aquatic Vegetation Water Willo Water Characteris Odor: Color:	1*: (note amos	oravel	% Sand algal growth at the asset algal growth at the asset algal Chemical	% Silt essment site) None	% Mud/Clay Q ⊘ % B ☐ Other:	edrock
Bottom Deposit:	□ Sludge	□ Solids	☐ Fine sediments	None	□ Other:	
Surface Deposit:	□ Oil	□ Scum	□ Foam	None	☐ Other:	
*This information is no comprehensive underst decision on the recreati	to be used so anding of wate on use analysis, hereby aff nd accurate	lely for removal of r conditions. Consess but may point to circum to the best	a recreational use designequently, this information onditions that need furth of my knowledge, t	nation but rather on is not intended ner analysis or the hat all inform	to directly influence a	AA

0863_454_us_L.ShaverCreek



0863_454_us_L.ShhaverCreek



0863_454_ds_L.ShaverCreek



0863_454_LowWaterCrossing



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 08	603	(495	5)	Site Locati				
	Site GPS Coordinates: 38,73894N 093.088693			Provid	denc	e Rd@ low wat	er crossing	
Date & Time: 6 29	Date & Time: 6 29 2005 1116			Facility Na	me: /	Monsees Lake	ERST	
Personnel: AR EY				Permit Number:				
Current Weather Condition	Current Weather Conditions: Hot Clear			Weather Conditions for Past 7 days:				
Photo Ids: Upstream: 40	Photo Ids: Upstream: 404A Downstream: 41			AA	Other:	42 AA Fishinglin	e	
Jses Observed*:						.0		
☐ Swimming	☐ Skin div	ing	□ SCI	UBA diving		☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayakin	g	□ Воа	nting		□ Wading	☐ Rafting	
☐ Hunting	☐ Trapping		☐ Fish	ning		None of the above	Other:	
Describe: (include numbe	r of individu	als recreatin	g, freque	ency of use, p	hoto-d	ocumentation of evidence	of recreational uses, etc.)	
urrounding Condition	S [‡] : (Mark al	l that promo	ote or im	pede recreation	onal us	es. Attach photos of evider	nce or unusual	
ems of interest.)								
☐ City/county parks	☐ Playgro	unds 🔯	MDC co	nservation lar	nds	☐ Urban areas	☐ Campgrounds	
☐ Boating accesses	☐ State pa	rks 🔯	National	forests		☐ Nature trails	☐ Stairs/walkway	
☐ No trespass sign	☐ Fence		Steep slo	pes		☐ Other:		
Evidence of Human Us	e*:						٠.	
Roads	☐ Foot pa	ths/prints		ock/platform	1	☐ Livestock Watering	□ RV / ATV Tracks	
☐ Rope swings	☐ Campin	g Sites	□F	ire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle	
Dother: Firework	S (Pich	ve 43	AA)					
	7 (1100		<u> </u>				•	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

September 29, 2004

In 18 -6-29-05

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 0863 : 455

□ Riffle Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
□ Run Widtl	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
N Pool Widt	(ft): 15m	Length (ft): 15,	Avg. Depth	(ft): 0.45 m	Max. Depth (ft): 0.7	m.
Flow Prese		Ŋ No	Estimated (f	t³/sec):		
Downstream V	ew Physica	l Dimensions:				
□ Riffle Widt		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	-
□ Run Widt	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
[Pool Widt	(ft): 20 m	Length (ft): 2	M Avg. Depth	(A): O.6m	Max. Depth (ft): 0, 8	m
Flow Prese		`	Estimated (f	t³/sec):		
hatrotak an		· · · · · · · · · · · · · · · · · · ·				bould
bstrate*: (Thes		% Gravel 3	% Sand	% Silt	% Mud/Clay	Bedro
uatic Vegetation Smart we	on*: (note ame		algal growth at the asse	essment site)	· • • • • • • • • • • • • • • • • • • •	
uatic Vegetati	on*: (note amo	k all that apply.)	algal growth at the asso		Other:	
uatic Vegetation Smart we have atter Character	on*: (note ame			None		
uatic Vegetation Smart we atter Character Odor:	istics*: (Mar	k all that apply.) ☐ Musky	□ Chemical	∑ None	Other:	
uatic Vegetation Smart we atter Character Odor: Color:	istics*: (Mar	k all that apply.) Musky Green	□ Chemical □ Gray	None Milky	Q Other: Brown	
ater Character Odor: Color: Bottom Deposit: Surface Deposit: comments: Please his information is inprehensive under cision on the recreate the undersigned tasheet is true	istics*: (Mar Sewage Clear Sludge Oii e attach add of to be used standing of wation use analys and accura	k all that apply.) Musky Green Solids Scum itional comments (olely for removal of a ter conditions. Consections but may point to co	☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam ☐ Including informate quently, this information of my knowledge, to the conditions that need further than the conditions that need further th	None None None None ion from intervation but rather is not intended the analysis or that	Other: Brown Other: Other: iews) to this form. to provide a more to directly influence a teffect another use.	UAA
ater Character Odor: Color: Bottom Deposit: Surface Deposit: omments: Pleas his information is inprehensive under cision on the recreate	istics*: (Mar Sewage Clear Sludge Oii e attach add of to be used standing of wation use analys and accura	k all that apply.) Musky Green Solids Scum itional comments (olely for removal of a ter conditions. Consections but may point to co	☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam ☐ Including informate quently, this information of my knowledge, to the conditions that need further than the conditions that need further th	None None None None ion from intervation but rather is not intended ther analysis or that	Other: Brown Other: Other: iews) to this form. to provide a more to directly influence a teffect another use.	UAA

0863_455_us_L.ShaverCreek







0863_455_L.ShaverCreek_Fireworks





0863_455_L.ShaverCreek_fence







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: Og	(uzi)		Site Location D	lescription:		
00100 (-1042)			Site Location Description: HHC Bridge			
Site GPS Coordinates: 38.75427 N 093.09190W						
1 Date & Time: 6 29	Date & Time: 6 29 2005 1139			Facility Name: Morsees Lake Est		
Personnel: AR EY			Pennit Number:			
Current Weather Conditio		leav	Weather Condi	tions for Past 7 days:		
Photo Ids: Upstream:	46 AA Dow	nstream: 45	AA Othe	er: 47 At electric fence,	44AA mowed path	
6-24-	2005					
Jses Observed*:				·		
☐ Swimming	☐ Skin diving	□ sc	UBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking	□ Bo	ating	☐ Wading	☐ Rafting	
☐ Hunting	☐ Trapping	□ Fis	hing	None of the above	☐ Other:	
				'		
Surrounding Condition tems of interest.)		1		<u> </u>		
City/county parks	is*: (Mark all that p □ Playgrounds	1	npede recreational	uses. Attach photos of evide □ Urban areas	nce or unusual □ Campgrounds	
tems of interest.)		1	onservation lands	<u> </u>		
City/county parks	☐ Playgrounds ☐ State parks	☐ MDC co	onservation lands	☐ Urban areas	☐ Campgrounds	
□ City/county parks □ Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC co	onservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds	
☐ City/county parks ☐ Boating accesses ☐ No trespass sign (48 A.A.)	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC co	onservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds	
Terms of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign(48 Å) Evidence of Human Use	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC co ☐ Nationa ☐ Steep ske	onservation lands I forests opes	☐ Urban areas ☐ Nature trails ☐ Other:	☐ Campgrounds ☐ Stairs/walkway	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

AVR 6-29-05

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two – Data Sheet B for WBID # <u>0863</u> : (450) Stream Morphology: Upstream View Physical Dimensions: Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): ☐ Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): □ Run N Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Estimated (ft³/sec): □ Flow Present? \square No □ Yes Downstream View Physical Dimensions: Width (ft): ☐ Riffle Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): 6-29-2005 Length (ft): Avg. Depth (ft): Max. Depth (ft): ☐ Run Width (ft): Length (ft): Max. Depth (ft): 7 D Pool Avg. Depth (ft): Estimated (ft³/sec): 🛛 Flow Present? ☐ Yes ☑ No Substrate*: (These values should add up to 100%.) % Cobble 25 % Silt % Mud/Clay % Bedrock % Gravel % Sand Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) N_0 Water Characteristics*: (Mark all that apply.) Odor: ☐ Sewage ☐ Musky Chemical ☑ None ☐ Other: Color: Other: Brown ☐ Clear ☐ Green □ Gray Bottom Deposit: ☐ Sludge □ Solids Tine sediments □ None Other: Surface Deposit: None None □ Oil ☐ Scum □ Foam ☐ Other: Comments: Please attach additional comments (including information from interviews) to this form. *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate. Signed: Organization: Position: QC OU EJY 6/29/2005

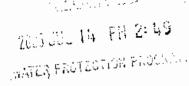
0863_456_us_L.ShaverCreek











Data Sheet A - Water Body Identification

Water Body Name: (from USGS 7.5' quad)	Little Shave Creek	
8-digit HUC:	10300103	
Missouri WBID#:	0863	
County:	Pethis	:
Upstream Legal Description:		
Downstream Legal Description	on:	
Upstream Coordinates: (UGS 84, ddd.ddddd)	N38.70664 W93.10150	•
Downstream Coordinates: (UGS 84, ddd.ddddd)	N 38,74519 W 93,09000	
Discharger Facility Name(s):	Monsees Lake Est	
Discharger Permit Number(s		
Number of Sites Evaluated:	: G	
Name of Surveyor and Telep	hone Number: JB 410-356-8993	
Organization:	Tetra Tech	
Position:	Schentist	

Date:

Signed:

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Г	Missauri VIDID # 1101			Site Locati	on Des	cription:	
ŀ	Missouri WBID #: 456		3	_ AT KAT	7 TM	ATL CROSSING.	ļ
	Site GPS Coordinates: N		3.09000 **				
	Date & Time: 07/62/65	i6 <u>18</u>				Monsey Lake Es	tale
	Personnel: 03,5>			Permit Nu	nber:		
Į	Current Weather Condition	יאיז לילב אינה sand	~Y	Weather C	onditio	ns for Past 7 days:	
ļ	Photo Ids: Upstream:	2101 Dow	nstream: 🔾	100	Other:	2102 - Acces point a	CKATY TANZE
T To	es Observed*:						
08	☐ Swimming	☐ Skin diving		CUBA diving		☐ Tubing	☐ Water skiing
	☐ Wind surfing	☐ Kayaking		ating		☐ Wading	☐ Rafting
	☐ Hunting	☐ Trapping	O Fi			None of the above	☐ Other:
					photo-d	locumentation of evidence	
	,			,			
			4				
	Ï	/	*				
c							
	rrounding Condition ns of interest.)	S*: (Mark all that p	promote or it	npede recreati	onal us	es. Attach photos of evider	oce or unusual
	☑ City/county parks	☐ Playgrounds	☐ MDC o	onservation la	nds	☐ Urban areas	☐ Campgrounds
	☐ Boating accesses	☐ State parks	☐ Nationa	l forests		☐ Nature trails	☐ Stairs/walkway
	☐ No trespass sign	☐ Fence	☑ Steep sl	opes		Other: Fanost	
D	idence of Human Use						
EV		T -	— T_		:	· 	
	Roads	☐ Foot paths/prit	nts 🔲	Dock/platform		☐ Livestock Watering	□ RV / ATV Tracks
	☐ Rope swings	☐ Camping Sites		Fire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle
	☐ Other:						

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

7/8/05

ream Morph			VBID # <u>. 4</u>					
Upstream Vi		sical Dir	nensions:	VISVAL	ESTIMATE			
□ Riffle W	idth (ft):		Length (ft)):	Avg. Depth	(ft):	Max. Depth (ft	:):
□ Run W	idth (ft):		Length (ft));	Avg. Depth	(ft):	Max. Depth (ft):
☑ Pool W	idth (ft):	16~	Length (ft): 50m	Avg. Depth	(ft):	Max. Depth (ft): >im
☑ Flow Pr	esent?	☐ Yes	☑ No	-	Estimated (f	t³/sec):		
Downstream	View I	Physica <u>l</u>	Dimension	: V=30	IAL ESTEMAT	E		
□ Riffle W	idth (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
□ Run W	idth (ft):	_	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
⊠ Pool W	idth (ft):	17m	Length (ft): ₂ 0~	Avg. Depth	(ft):	Max. Depth (ft): >Im
Flow Pr	esent?	□ Yes	⊠ No		Estimated (f	t ³ /sec):		
ubstrate*: (T	nese value	es should a	idd up to 100%	a. V⊅	WAL ESTIMA	17 0		
	obble		Gravel		Sand	% Silt	6 % Mud/Clay	% Bedro
quatic Vegets	ntion*: ((note amou	int of vegetation	n or algal	growth at the ass	essment site)	,	 -
			· 			<u></u>		
ater Charact								
Odor:	_	Sewage	☐ Musky		Chemical	□ None	Other:	
Color:		Clear	M Green		Gray	☐ Milky	☐ Other:	
I Dattom Dane	it: 🗆	Sludge	□ Solids	E	Fine sediments	☐ None	Other:	
Bottom Depos	=							

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Clate		Date: 07/03/05	
Organization: TETRA TECH I.v.		Position: ADDRESATE SCHENTIST	
	1	7/0/0	

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

0863_455R-US





0863_455R-ACCESS-POINT-ON-KATY-TRAIL



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 455	(0863)		Site Location	Description: ENCE RD CROSSENGE E	4 5 135
Site GPS Coordinates: N	38.73870 WO1	3,087 07	71 160-1	CHOSSENCE E	معارة ال
Date & Time: 07/08/05			Facility Name	Monsey Lake E	stales
Personnel: CB. 56			Permit Number		<u> </u>
Current Weather Condition	ns: 900 F , SUNA	7	Weather Cond	litions for Past 7 days:	···
Photo Ids: Upstream: 25		vnstream: 20	99 Ot	her:	
Uses Observed*:					
☐ Swimming	☐ Skin diving	□ sct	JBA diving	□ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boa	ting	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fish	ing	None of the above	☐ Other:
SON WADES IN ATCHARD DAVE 31380 PROVIDEN SMITHTON MO	65 350			Lucro Attuch who too of avide	·
items of interest.)				uses. Attach photos of evide	nce or unusual
City/possess modern				<u> </u>	· · · · · ·
☐ City/county parks	☐ Playgrounds		nservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National	forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds
	,		forests	☐ Urban areas	☐ Campgrounds ☐ Stairs/walkway
☐ Boating accesses	☐ State parks ☐ Fence	☐ National	forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
☐ Boating accesses ☐ No trespass sign	☐ State parks ☐ Fence	☐ National ☐ Steep slop	forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds
☐ Boating accesses ☐ No trespass sign Evidence of Human Use	☐ State parks ☐ Fence	□ National □ Steep slop nts □ D	forests .	☐ Urban areas ☐ Nature trails ☑ Other: △G♠ICULTU	☐ Campgrounds ☐ Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

JSB 7/8/05

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Page Two - Data Sheet B for WBID #_ 455 (0963)

□ Riffle V	Width (ft):		Length (ft):	· A	vg. Depth (ft):		Max. Depth	(ft):	
□ Run V	Width (ft):		Length (ft):	A	vg. Depth (ft):		Max. Depth	(ft):	
☑ Pool V	Width (ft):	150m	Length (ft): 20,	~ A	vg. Depth (ft): 0.47	\sim	Max. Depth	(ft): ¿).68m
☑ Flow F	Present?	☐ Yes	□ No	Es	timated (ft	³/sec):				
Downstream	m View]	hysical	Dimensions: 0	18,074,	0,22,01	D. 0.04 ~	<u> </u>			
□ Riffle ^V	Width (ft):		Length (ft):	A	vg. Depth (ft):		Max. Depth	(ft):	
□ Run V	Width (ft):		Length (ft):	A	vg. Depth (ft):		Max. Depth	(ft):	
⊡ Pool V	Width (ft):	6.1m	Length (ft): ೧೩	~ A	vg, Depth (ft): 0.16	Λ.	Max. Depth	(ft): 💍	·24m
☑ Flow I	Present?	☐ Yes	☑ No	Es	stimated (ft	³ /sec):				
hstrate*• c	There walls	an abauld a	add up to 100%.)							
	Cobble		Gravel 10	% Sand		% Silt	10	% Mud/Clay		% Bedrock
uatic Veger	tation*:	(note amou	ant of vegetation or a	<u> </u>	at the asse		, -			N DOUBLE
quatic Veget	tation*: 'HMOJ GHO cteristics	note amount,	all that apply.)	algal growth		ssment site	, -			
uatic Vegel	tation*: **********************************	(note amou	all that apply.)	algal growth		ssment site	, -	Other:		
uatic Vegel AVGAE T ater Charac	tation*: 'H^OJ GHO cteristics	*: (Mark Sewage	all that apply.)	□ Chem		ssment site	, -	Other:		
uatic Vegel AVGAE T ater Charac Odor: Color:	tation*: HNOUGHO cteristics osit:	note amount. *: (Mark Sewage	all that apply.) ☐ Musky ☐ Green	□ Chem	ical	ssment site None	, -	Other:		
ater Charac Odor: Color: Bottom Depo Surface Depo Omments: Pl his information mprehensive un cision on the re-	tation*: HNOJENO cteristics osit: lease atta n is not to inderstanding ecreation u	*: (Mark Sewage Clear Sludge Oil ch additione used soling of water se analysis	ali that apply.) Musky Green Solids Scum lely for removal of a reductions. Consections to the best of the continuous control to the best of the control to the control	☐ Chem ☐ Gray ☐ Foam (including recreational quently, this anditions that	ical ediments information use design information need furth wledge, the	None None None non from its not integer analysis	ntervi	Other: Other: Other: Other: to provide a mode directly influe	ore ence a use.	









Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

ļ				Site Locatio	n Dec	orintion:	
	Missouri WBID #: 454	10-071		AT LINE	740v	E VALLEY RD. CROSS	JN6-
	Site GPS Coordinates: ~		3.09137				<u> </u>
	Date & Time: 07/08/05	1530		Facility Nan	ne: ∧	Monsees Lake 15	st-1-13
	Personnel: Cly, 345			Permit Num	ber:		<u>. </u>
	Current Weather Condition	ns: 45°F, SUNN	Y	Weather Co	nditio	ns for Past 7 days:	· · · · · · · · · · · · · · · · · · ·
	Photo Ids: Upstream: 20	Dow	nstream: 6	2045	Other:	2097 ROAD INTO	s theambed
Us	es Observed*:		,				
	☐ Swimming	☐ Skin diving	s	CUBA diving		☐ Tubing	☐ Water skiing
	☐ Wind surfing	☐ Kayaking	□ B	Boating		□ Wading	☐ Rafting
	☐ Hunting	☐ Trapping	□F	ishing		☑ None of the above	☐ Other:
	Describe: (include numbe		reating, free	quency of use, pl	oto-d	ocumentation of evidence	of recreational uses, etc.)
				•			
							· .
				•			••
		<u> </u>	_				
Su	rrounding Condition	s*: (Mark all that p	promote or i	impede recreation	nal us	es. Attach photos of evider	nce or unusual
iter	ns of interest.)		 				,
	☐ City/county parks	☐ Playgrounds	☐ MDC	conservation land	ds	☐ Urban areas	☐ Campgrounds
	☐ Boating accesses	☐ State parks	□ Nation	al forests		☐ Nature trails	☐ Stairs/walkway
	☐ No trespass sign	☐ Fence	☐ Steep s	slopes		Other: AGNICOLIVE	\G
T.	idence of Human Us	-#.					
IL V	Roads			D at the feet			D DV (ADV)
		☐ Foot paths/pri	_	Dock/platform		☐ Livestock Watering	□ RV / ATV Tracks
	☐ Rope swings	☐ Camping Sites	5 <u> </u>	Fire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle
	☐ Other:						
	· 						

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

M33 7/8/05

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

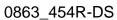
								(0863)
Page	Two -	Data	Sheet	B for	WBID	#	154	:

□ Run Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth	(ft):	
	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth	(ft):	
□ Pool Width	(ft): 3:0~	Length (ft): 30	Avg. Depth	(ft): 0.24m	Max. Depth	(ft): O	4200
Flow Presen	t? ☐ Yes	⊠ No	Estimated (f	t³/sec):			·.
Downstream Vi	ew Physical D	imensions: 0/	3 <u>6, 0.42, 0.46,</u>	o,42, o.08			
□ Riffle Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth ((ft):	
□ Run Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth ((ft):	
Pool Width	(ft): 3:3m 6.8n	Length (ft): 🚕	Avg. Depth	(ft): 0.34m	Max. Depth ((ft): ტ. գլ	543
Flow Presen	t? 🗆 Yes	☑ No	Estimated (f	t³/sec):			
bstrate*: (These	values should ad	d un to 100%)					•
% Cobble		Gravel 5	% Sand	% Silt 5	% Mud/Clay	40	% Bedrock
ter Characteris Odor:	tics*: (Mark al ☐ Sewage	that apply.) Musky	☐ Chemical	☑ None	☐ Other:		
Color:	□ Clear	☐ Green	☐ Gray	© Milky	☐ Other:		
Bottom Deposit:	□ Sludge	☐ Solids	☑ Fine sediments	□ None	☐ Other:		
	□ Oii	Scum	☐ Foam	☐ None	Other:		
Surface Deposit:							
mments: Please is information is no aprehensive understa	t to be used solel anding of water con use analysis b , hereby affir	y for removal of a a conditions. Consequent may point to con may to the best of	ncluding informativecreational use designmently, this information ditions that need furth my knowledge, to Date:	nation but rather is in is not intended t er analysis or that hat all informa	to provide a mo o directly influe effect another u ation reporte	nce a se.	nis UAA

September 29, 2004

0863_454R-US







0863_454R-ROAD-THRU-STREAM



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	Missouri WBID#: 453	> (0863)			Site Locat	ion Des	scription: sow of Budnevalle Ro	· LINESTONE
	Site GPS Coordinates: N	78 <u>.72ず</u> 07 W	013 <u>,</u> 091	10	VALLEY R	0.		
	Date & Time: 07 Q8 45	1515			Facility N	ame:	Monseer Lake F	staks
	Personnel: CB.35				Permit Nu		· · · · · · · · · · · · · · · · · · ·	
	Current Weather Condition	ons: 12°F 5	ynny		Weather C	onditio	ns for Past 7 days:	
	Photo Ids: Upstream:	093 1	Downstre	am: a	094	Other:		
Us	es Observed*:							
	☐ Swimming	Skin divin	g	□ sct	JBA diving		□ Tubing	☐ Water skiing
	☐ Wind surfing	☐ Kayaking		☐ Boa	ting		☐ Wading	□ Rafting
	☐ Hunting	☐ Trapping		☐ Fish			☑ None of the above	☐ Other:
	Describe: (include number	r of individuals	recreatin	g, freque	ncy of use,	photo-d	ocumentation of evidence	of recreational uses, etc.)
							•	
Sn	rrounding Condition	e#• (Maric oil ti	ant meant	ta or imp	ada recessi	onal ne	es: Attach photos of evider	
	ns of interest.)	B . (IMAIN all u	iai promo	ac or map	cuc icercan	onai us	es. Attacti photos of evider	ke of unpstal
	☐ City/county parks	☐ Playgroun	ds 🗆 N	ADC con	servation la	nds	☐ Urban areas	☐ Campgrounds
	☐ Boating accesses	☐ State parks		National 1	forests		☐ Nature trails	☐ Stairs/walkway
	☐ No trespass sign	□ Fence	Ū√S	teep slop	es		Other: AGA JCVLTUNE	, Falvest
Ev	idence of Human Us	e*:						
	₩ Roads	☐ Foot paths	prints/	□ Do	ock/platform	1	☐ Livestock Watering	□ RV / ATV Tracks
	☐ Rope swings	☐ Camping S	ites	□ Fi	re pit/ring		☐ NPDES Discharge	☐ Fishing Tackle
	Other:							

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

YOB 7/9/05

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 453 (0863)

☐ Riffle	Width (1	ft);	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Run	Width (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	<u> </u>
□ Pool	Width (ft): 13,0m	Length (ft): 2	0 ~ Avg. Depth	(ft): 0,34m	Max. Depth (ft):	0,582
☐ Flow	Present?	P ☐ Yes	IZÍ No	Estimated (f	t³/sec):		
Downstree	Vic	Dk!1 I	Naioma. A	78 140 15	x =		
□ Riffle	Width (Length (ft):	138,0.48, 0.53. Avg. Depth		Max. Depth (ft):	
□ Run	Width (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Pool	Width (ft): 17,2m	Length (ft): 25	Avg. Depth	(ft): 0.45m	Max. Depth (ft):	0.52m
□/Flow	Present's	· · · · · · · · · · · · · · · · · · ·	⊠ No	Estimated (f			
•	···						
	(These v Cobble	·	Id up to 100%.) Gravel 10	% Sand 10	% Silt 15	% Mud/Clay	% Bedrock
	Coobie		Olavel 10	20 Sand 10	70 OIL 13	·	20 Dediock
quatic Vege	etation	*: (note amour	it of vegetation or	algal growth at the asse	essment site)		
NONE							
1							
Vater Chara	acterist	ics*: (Mark a	ll that apply.)				
Odor:		□ Sewage	☐ Musky	☐ Chemical	☑ None	Other:	-
Color:		□ Clear	☐ Green	☐ Gray	Milky	Other:	
Bottom Dep	posit:	□ Sludge	□ Solids	Fine sediments	□ None	Other:	
Surface Dep	posit:	M Oil	☐ Scum	☐ Foam	□ None	Other:	
					- 11/2		<u> </u>
omments: I	Please a	ittach additio	onal comments	(including informat	ion from interv	views) to this form	1.
This informatic	an ie not	to be used sole	ly for removal of a	a recreational use design	nation but rather i	s to provide a more	
				quently, this information			1
ecision on the r	recreation	n use analysis l	out may point to co	onditions that need furth	ner analysis or tha	t effect another use.	
	horai	haraby offi	m to the best (et my knowledge t	hat all inform	eation reported a	n this TIA A
the undere	iziicu.	•	in to the best (n my knowledge, t	nat an mivin	ation reported of	u mis uaa
	-	d accurate.					
atasheet is t	rue an						
atasheet is t	-			Date:	07/03/05		
atasheet is t	true an	an	J.c			Segentast	
, the unders latasheet is t Signed: Organization:	true an	an	n ASB		07/03/05 n: <u>A</u> 3343471	Serentasti	

September 29, 2004

0863_453R-US





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 45	2 (0863)		Site Location	on Desc	ription: D CRABING, SCUTH O	= Browersue As.
Site GPS Coordinates: /e	58.71564 WOR3	,০১৯১৫	י אין אין אין	.61. 1/1	O CKERTAG , SCOTT	
Date & Time: 07/08/05		·	Facility Nar	me: /	Monsees Lake Es	tates
Personnel: CB , SB	· ·	•	Permit Num			
Current Weather Condition	ons: 93°F. San.	~ Y	Weather Co	ondition	ns for Past 7 days:	
Photo Ids: Upstream:		nstream: 🙃	2091	Other:		
Uses Observed*:			·····		**	
Swimming	☐ Skin diving		UBA diving		☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	□Во			☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fis			None of the above	Other:
Describe: (include numbe		reating, frequ	ency of use, pl	hoto-do	cumentation of evidence	of recreational uses, etc.)
Surrounding Condition items of interest.)	S*: (Mark all that p	promote or in	npede recreatio	onal use	s. Attach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds	□ MDC o	onservation land	nds	☐ Urban areas	Campgrounds
☐ Boating accesses	☐ State parks	☐ Nationa			☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	Fence	☐ Steep sle			Other: ACATCULTUE	<u> </u>
Evidence of Human Use	e*;					
☑ Roads	☐ Foot paths/pri	nts 🔲	Dock/platform		☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	s 🔲 1	Fire pit/ring		☐ NPDES Discharge	☐ Fishing Tackle
☐ Other:		•				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

ASB 7/2/15

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 452 (0863)

Upstream View		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
		-	· 		Max. Depth (ft):	
Run Width		Length (ft):	Avg. Depth			
□ Pool Width	(ft):	Length (ft):	Avg. Depth		Max. Depth (ft):	
☐ Flow Presen	?	□ <u>No</u>	Estimated (f	t'/sec):		
Downstream Vi	w Physical	Dimensions:	DAY STAFAMBED			
☐ Riffle Width		Length (ft):	Avg. Depth	(ft): ·	Max. Depth (ft):	
□ Run Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
□ Pool Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	· ·
☐ Flow Presen	?	□ No	Estimated (f	t³/sec):		
whatuatek on		11 500# \				-
ubstrate*: (These		Gravel	% Sand	% Silt	5 % Mud/Clay 80	% Bedrock
quatic Vegetation	1*: (note amou	unt of vegetation or	algal growth at the asse	essment site)		
	tics*: (Mark	ail that apply.)			Other: Au	
vater Characteris	tics*: (Mark ☐ Sewage	ail that apply.)	☐ Chemical	□ None	Other: NA	
Vater Characteris	tics*: (Mark Sewage	ail that apply.)			Other: NIA	
Vater Characteris Odor: Color:	tics*: (Mark ☐ Sewage	ail that apply.) Musky Green	☐ Chemical	□ None	□ Other: NH	
Vater Characteris Odor: Color: Bottom Deposit: Surface Deposit: Comments: Please This information is no omprehensive understaction on the recreation	tics*: (Mark Sewage Clear Sludge Oil attach addition to be used soluding of water on use analysis hereby affi	all that apply.) Musky Green Solids Scum Scum Indicate the second to the	☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam (including informate a recreational use design equently, this information of my knowledge, to the conditions that need further than the cond	□ None □ Milky □ None □ None ion from intended in the intended in	Other: MA Other: MA Other: MA terviews) to this form. There is to provide a more ded to directly influence a that effect another use.	this UAA

J85 7/8/05





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	Missouri WBID#: 451	(0363)		Site Location	Description:	No oth	h f 50
	Site GPS Coordinates: N	38.70664 W	093.10	120 11 11		10001	·
	Date & Time: 07/68/05	1445		Facility Name	: Monsus Lake	Este	akes
-	Personnel: Cb. 3B			Permit Numb	er:		·
	Current Weather Condition	ons: 92°F, Su	~ ~Y	Weather Cone	ditions for Past 7 days:		
	Photo Ids: Upstream: 2			m: 2689 Ot	ther:		
īs.	es Observed*:	<u> </u>					
	☐ Swimming	Skin diving	•	☐ SCUBA diving	☐ Tubing		☐ Water skiing
	☐ Wind surfing	☐ Kayaking		☐ Boating	☐ Wading		☐ Rafting
	☐ Hunting	☐ Trapping		☐ Fishing	None of the abo	ove	☐ Other:
	Describe: (include numbe	r of individuals r	ecreating	g, frequency of use, pho	to-documentation of evi	dence o	of recreational uses, etc.)
;							
;							
i		· .			:		
i		· .			.*		
Su	rrounding Condition	s*: (Mark ali tha	ıt promoi	te or impede recreations	al uses. Attach photos of	eviden	ce or unusual
	rrounding Condition	ns*: (Mark ali tha	it promot	te or impede recreations	al uses. Attach photos of	eviden	ce or unusual
		s*: (Mark ali tha		te or impede recreations		`eviden	ce or unusual
	ns of interest.)		s D N			`eviden	
	ns of interest.) City/county parks	☐ Playgrounds	s □ N	MDC conservation lands	Urban areas Nature trails		☐ Campgrounds ☐ Stairs/walkway
ter	ns of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	s □ N	fDC conservation lands	s Urban areas		☐ Campgrounds ☐ Stairs/walkway
ter	□ City/county parks □ Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	s □ N	fDC conservation lands	Urban areas Nature trails		☐ Campgrounds ☐ Stairs/walkway
ter	ns of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	s □ M □ N □ S	fDC conservation lands	Urban areas Nature trails	(ひてい	☐ Campgrounds ☐ Stairs/walkway
ter	ns of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign idence of Human Us	☐ Playgrounds ☐ State parks ☐ Fence	s □ M	DC conservation lands lational forests teep slopes	Urban areas Nature trails Other: AG {1.7}	(Vレで)	☐ Campgrounds ☐ Stairs/walkway
iter	ns of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign idence of Human Us ☑ Roads	☐ Playgrounds ☐ State parks ☐ Fence e*: ☐ Foot paths/p	s □ M	IDC conservation lands lational forests teep slopes	Urban areas Nature trails Other: AGG	(Vレで)	☐ Campgrounds ☐ Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

JOB 7/8705

Page Two - Data Sheet B for WBID #_461 (0863)

☐ Riffle Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth	(ft):	
□ Run Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth ((ft):	-
Pool Width	(ft): 3.4m	Length (ft): 20	Avg. Depth	(ft): 0.24m	Max. Depth	(ft): გიე	34m
Flow Presen	? □ Yes	⊠ No	Estimated (f	ft³/sec):			
Downstream Vi	ew Physical	Dimensions: 0	08,0.12,0.20,	P1.0 . P1.6 .			
☐ Riffle Width		Length (ft):	Avg. Depth		Max. Depth ((ft):	<u>.</u>
□ Run Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth ((ft):	••
Pool Width	(ft): 3.8 _~	Length (ft): 28,	Avg. Depth	(ft): 0,14m	Max. Depth ((ft): 0.	aun
Flow Presen	t? ☐ Yes	☑ No	Estimated (f	ft³/sec):			·
estratok.		*-	> Pool WINTU D	I.S. TRANSECT W	HEDDE KAN HEE	of or	70M
ostrate*: (These % Cobbl		% Gravel 0	% Sand	% Silt 5	% Mud/Clay		% Bedroc
ALGAE IN WA	1*: (note amo		algal growth at the ass	essment site)	· · · · · · · · · · · · · · · · · · ·		
	1*: {note amo 16h Colum! stics*: (Mark	all that apply.)		·	Cl Other:		
ALGAE IN WA	n*: (note amo	all that apply.)		✓ None	Other:		
ter Characteric Odor: Color:	n*: (note amo	all that apply.) ☐ Musky ☐ Green	□ Chemical	☑ None	☐ Other:		
ter Characteric	n*: (note amo	all that apply.)		✓ None			
ter Charactericodor: Color: Bottom Deposit: Surface Deposit: mments: Please is information is no prehensive underst sion on the recreati	tics*: (Mark Sewage Clear Sludge Vil attach addit t to be used so anding of wate on use analysis, hereby aff	all that apply.) Musky Green Solids Scum ional comments (alely for removal of a cronditions. Consects but may point to confirm to the best of	☐ Chemical ☐ Gray ☑ Fine sediments ☐ Foam (including information recreational use designmently, this information distributions that need further than the conditions that need further	None Milky None None tion from internation but rather on is not intended ther analysis or the	Other: Other: Other: Other: to other: other: to other: oth	re nce a se.	nis UAA

September 29, 2004

0863_451R-US





